

80500 To 80597

81500 To 81597

Illustrated Parts List

MODEL SERIES

80500 To 80597

TYPE NUMBERS

0110 to 0199

909000 to 909271

81500 To 81597

TYPE NUMBERS

0110 to 0137

909500 to 909772

TO FIND

**THE CORRECT NUMBER OF THE PART YOU NEED:
FOLLOW THE INSTRUCTIONS BELOW.**

- A. Refer to Engine Model, Type and Serial Number that is stamped on the blower housing or name plate of engine. (Engine type numbers such as 909270 are listed complete. Engine type numbers such as 0147 01 are listed herein only as 0147. The two digits (01 or 02, etc.) to the right of the space are not needed for parts identification). Then use the Illustrated Parts List covering these Model Series.
- B. Refer to Illustrated Parts section and compare the old part with illustration. The number on the illustration is the Reference Number. Assemblies include all parts shown in frames. All parts shown in assembly frames on which individual reference numbers are given can be purchased separately.
- C. After the Reference Number has been identified, refer to the Numerical Parts List, where Reference and Master Part Numbers are listed. **THE MASTER PART IS USED ON ALL TYPE NUMBERS EXCEPT THOSE TYPE NUMBERS UNDER "NOTE".**
- D. If a "Note" appears below the Master Part Number, this means that this part differs from the Master Part for certain types. If the Type Number is listed under "Note", order the part referred to.
- E. If the Engine Type Number does not appear after any part number listed under "Note", use the Master Part Number.
- F. For Type Numbers higher than those covered by this book, please refer to the factory if you are unable to identify the part by comparison.

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81500 To 81597



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Assemblies include all parts shown in frames.

Parts List

* Included in Gasket Set —
Part No. 297275

80500 To 80597

81500 To 81597

REF. PART NO. NO. DESCRIPTION	REF. PART NO. NO. DESCRIPTION	REF. PART NO. NO. DESCRIPTION
15 91084 Plug — Oil Drain Note: 93418 Plug — Oil Drain (Socket Head) Used on Model 80500 Series type Nos. 0168, 0171, 0175, 0178, 0187, 909031, 909032, 909066, 909149, 909200, 909206, 909208, 909251, 909263; also used on Model 81500 Series type Nos. 0131, 0135, 909526, 909527, 909570, 909618, 909624, 909625, 909665, 909671, 909676, 909695, 909716, 909751, 909752, 909753, 909765, 909768.	0191, 0195, 0197, 909014, 909016, 909027, 909044, 909045, 909051, 909059, 909063, 909065, 909070, 909074, 909076, 909077, 909079, 909080, 909084, 909085, 909089, 909091, 909092, 909093, 909094, 909095, 909121, 909122, 909123, 909124, 909129, 909130, 909131, 909139, 909140, 909141, 909153, 909154, 909157, 909158, 909167, 909168, 909170, 909172, 909175, 909176, 909177, 909183, 909186, 909188, 909193, 909203, 909204, 909210, 909211, 909213, 909214, 909215, 909219, 909236, 909241, 909242, 909243, 909248, 909252, 909253, 909255, 909256, 909257, 909258, 909259, 909264, 909268; also used on Model 81500 Series type Nos. 0116, 0136, 909533, 909534, 909536, 909538, 909539, 909540, 909541, 909544, 909552, 909553, 909554, 909565, 909574, 909575, 909584, 909589, 909590, 909591, 909592, 909594, 909596, 909601, 909609, 909616, 909617, 909621, 909622, 909623, 909631, 909636, 909639, 909648, 909661, 909664, 909667, 909669, 909670, 909672, 909674, 909681, 909684, 909686, 909689, 909696, 909697, 909698, 909704, 909705, 909706, 909714, 909717, 909718, 909721, 909723, 909724, 909725, 909737, 909739, 909741, 909742, 909743, 909746, 909748, 909749, 909754, 909755, 909756, 909758, 909762, 909763.	260097 Crankshaft Used on Model 80500 Series type Nos. 0178, 0198, 909017, 909032, 909199, 909206, 909208; also used on Model 81500 Series type Nos. 909566, 909577, 909625, 909658, 909659, 909716, 909750, 909765. 260098 Crankshaft Used on Model 80500 Series type Nos. 0133, 0147, 0149, 0166, 0176, 0180, 909018, 909147, 909148, 909162, 909202, 909237, 909240, 909244, 909260; also used on Model 81500 Series type Nos. 909546, 909550, 909567, 909568, 909593, 909619, 909620, 909652, 909707, 909744, 909745. 260099 Crankshaft Uses: 220708 Shim — Crankshaft, Thrust Used on Model 80500 Series type Nos. 0130, 0131, 0156, 0181, 909025, 909075, 909103, 909104, 909109, 909110, 909116, 909120, 909126, 909127, 909137, 909152, 909269; also used on Model 81500 Series type Nos. 909525, 909555, 909572, 909573, 909588, 909612, 909629, 909630, 909657, 909660, 909662, 909688, 909691, 909710. 260133 Crankshaft Used on Model 80500 Series type Nos. 909028, 909078; also used on Model 81500 Series type No. 909645.

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REF. PART NO. NO. DESCRIPTION	REF. PART NO. NO. DESCRIPTION	REF. PART NO. NO. DESCRIPTION
<p>260159 Crankshaft Used on Model 81500 Series type Nos. 909583, 909597.</p> <p>260197 Crankshaft Used on Model 80500 Series type Nos. 909054, 909057; also used on Model 81500 Series type Nos. 909551, 909561, 909595, 909598.</p> <p>260204 Crankshaft Used on Model 80500 Series type Nos. 0155, 909034, 909144, 909260; also used on Model 81500 Series type No. 909640.</p> <p>260207 Crankshaft Used on Model 80500 Series type Nos. 909039, 909040; also used on Model 81500 Series type Nos. 909641, 909642.</p> <p>260224 Crankshaft Uses: 220708 Shim — Crankshaft, Thrust Used on Model 80500 Series type Nos. 909062, 909112, 909115, 909125, 909178, 909179, 909201; also used on Model 81500 Series type Nos. 909663, 909726, 909727, 909747, 909764.</p> <p>260235 Crankshaft Used on Model 80500 Series type No. 909046; also used on Model 81500 Series type Nos. 909532, 909558, 909562, 909666.</p> <p>260319 Crankshaft Used on Model 80500 Series type Nos. 0141, 909249.</p> <p>260370 Crankshaft Used on Model 80500 Series type Nos. 909030,</p>	<p>909182; also used on Model 81500 Series type Nos. 0133, 909529, 909768.</p> <p>260400 Crankshaft Used on Model 80500 Series type No. 909173; also used on Model 81500 Series type Nos. 0134, 909547, 909692, 909728, 909757, 909771.</p> <p>260405 Crankshaft Used on Model 81500 Series type Nos. 909556, 909569, 909602.</p> <p>260411 Crankshaft Used on Model 80500 Series type Nos. 0168, 0175, 909263.</p> <p>260416 Crankshaft Used on Model 80500 Series type Nos. 909068, 909069; also used on Model 81500 Series type Nos. 909643, 909644.</p> <p>260426 Crankshaft Used on Model 80500 Series type Nos. 909087, 909088; also used on Model 81500 Series type Nos. 909646, 909647.</p> <p>260502 Crankshaft Used on Model 80500 Series type No. 909174; also used on Model 81500 Series type Nos. 909649, 909650, 909665, 909675, 909682, 909683, 909729, 909730, 909731, 909732.</p> <p>260535 Crankshaft Used on Model 81500 Series type No. 909702.</p> <p>260670 Crankshaft Used on Model 80500 Series type Nos. 0134, 0135, 0139, 0140, 909163, 909164, 909165, 909170, 909184, 909185, 909195, 909221, 909222, 909223, 909224, 909225, 909226, 909238; also</p>	<p>used on Model 81500 Series type Nos. 909729, 909769.</p> <p>260686 Crankshaft Used on Model 80500 Series type Nos. 909171, 909197.</p> <p>18 293512 Sump — Oil Note: 293597 Sump — Oil Used on Model 80500 Series type Nos. 0168, 909263.</p> <p>294231 Sump — Oil Used on Model 80590 to 80597 and 81590 to 81597 Series with 3/4" dia. auxiliary P. T. O. shaft ---- to replace sump on these Model Series with a 1/2" dia. auxiliary P. T. O. shaft order No. 298280.</p> <p>295041 Sump — Oil Used on Model 80500 Series type Nos. 0143, 0146, 0147, 0194, 909030, 909182, 909200, 909233, 909234, 909235, 909240, 909529.</p> <p>19 293709 Bushing — Oil Sump Note: Requires special tools for installation.</p> <p>20 291841 Seal — Oil Note: 294167 Seal — Oil (Crankshaft — P. T. O. Side) 294160 Seal — Oil (for 3/4" dia. Auxiliary Drive Shaft) Used on Model 80590 to 80597 and 81590 to 81597 Series. 294167 Seal — Oil (Crankshaft — P. T. O. Side) 298041 Seal — Oil (for 1/2" dia. Auxiliary Drive Shaft) Used on Model 80590 to 80597 and 81590 to 81597 Series.</p>

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REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
21	66768	Plug — Oil Filler			Used on Model 80500, 80590 Series.	294226		Ring Set — .030" Piston
22	93032	Screw — Sump Mtg. Sem						Consists of:
23	293205	Flywheel — Magneto	Note:	295457	Piston Assy. — .020" O. S.	210496		Ring, Piston, Compression, Top, .030" O. S.
	Note:	295936 Flywheel — Magneto			Used on Model 81500, 81590 Series.	210495		Ring, Piston, Compression, Center, .030" O. S.
		Used before Serial No. 6212310 on type Nos. 909032, 909200, 909206, 909208, 909610, 909619, 909625, 909671, 909677, 909693, 909701, 909702, 909716, 909765.	295590		Piston Assembly — .030" O. S.	210497		Ring, Piston, Oil, .030" O. S.
23A	297949	Flywheel — Magneto	Note:	295458	Piston Assy. — .030" O. S.	MODEL 81500, 81590 SERIES PISTON RING SETS:		
	Note:	296884 Flywheel — Magneto			Used on Model 81500, 81590 Series.	295657		Ring Set — Standard Piston
		Used on and after Serial No. 6212310 on Model 80500 Series type Nos. 0141, 0146, 0147, 0178, 0198, 909032, 909200, 909206, 909208, 909235, 909240, 909249; also used on Model 81500 Series type Nos. 0131, 0135, 909610, 909619, 909625, 909671, 909677, 909693, 909701, 909702, 909716, 909765.	MODEL 80500, 80590 SERIES PISTON RING SETS:					Consists of:
24	61760	Key — Flywheel	26	294232	Ring Set — Standard Piston	210796		Ring, Piston, Compression, Top, Std.
25	295587	Piston Assembly — Standard			Consists of:	210797		Ring, Piston, Compression, Center, Standard
		Used on Model 80500, 80590 Series.			210471 Ring, Piston, Compression, Top, Std.	295661		Ring, Oil (w/expander) Std.
	Note:	295455 Piston Assy. — Standard			210472 Ring, Piston, Compression, Center, Standard	295658		Ring Set — .010" O. S. Piston
		Used on Model 81500, 81590 Series.	294224		Ring Set — .010" O. S. Piston			Consists of:
295588		Piston Assembly — .010" O. S.			Consists of:	210799		Ring, Piston, Compression, Top, .010" O. S.
		Used on Model 80500, 80590 Series.			210490 Ring, Piston, Compression, Top, .010" O. S.	210798		Ring, Piston, Compression, Center, .020" O. S.
	Note:	295456 Piston Assy. — .010" O. S.			210489 Ring, Piston, Compression, Center, .010" O. S.	295662		Ring, Oil (w/expander) .010" O. S.
		Used on Model 81500, 81590 Series.	294225		Ring Set — .020" O. S. Piston	295659		Ring Set — .020" O. S. Piston
295589		Piston Assembly — .020" O. S.			Consists of:			Consists of:
					210493 Ring, Piston, Compression, Top, .020" O. S.	210801		Ring, Piston, Compression, Top, .020" O. S.
					210492 Ring, Piston, Compression, Center, .020" O. S.	210800		Ring, Piston, Compression, Center, .020" O. S.
					210494 Ring, Piston, Oil, .020" O. S.	295663		Ring, Oil (w/expander) .020" O. S.
						295660		Ring Set — .030" O. S. Piston
								Consists of:

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REF. PART NO. NO. DESCRIPTION	REF. PART NO. NO. DESCRIPTION	REF. PART NO. NO. DESCRIPTION
		70 298436 Ratchet — Rewind and Wind-up Starter Used after Serial No. 6405220.
	47 294652 Oil Slinger Gear and Bracket Note: 294718 Oil Slinger Gear and Bracket Used on Model 80590 to 80597 and 81590 to 81597 Series with 3/4" dia. auxiliary P. T. O.; for these Model Series with 1/2" dia. auxiliary P. T. O. use Part No. 294652 .	Note: 296597 Ratchet — Rewind and Wind-up Starter Used before Serial No. 6405250.
27 26026 Lock — Piston Pin		71 221653 Washer — Clutch Retainer Used after Serial No. 6405220.
28 291925 Pin Assembly — Piston — Standard		Note: 221301 Washer — Clutch Retainer (Used with sq. shank ratchet)
291926 Pin Assembly — Piston — .005" O. S.		Used before Serial No. 6405250.
29 294201 Rod Assembly — Connecting	52 *27355 Gasket — Intake Elbow Mounting	220575 Washer — Clutch Retainer (Used with 7 point shank ratchet)
31 220756 Lock — Connecting Rod Screw	56 294088 Pulley — Rewind Starter	72 26032 Spring — Clutch Retainer Used before Serial No. 6405250.
32 92296 Screw — Connecting Rod	57 294303 Spring — Rewind Starter	73 221661 Screen — Rotating Used after Serial No. 6405220.
33 296676 Valve — Exhaust	58 66384 Rope — Rewind Starter — 47-1/8" long Note: If longer rope is needed, order No. 66514 and cut to required length.	Note: 220648 Screen — Rotating Used before Serial No. 6405250.
34 296677 Valve — Intake Note: 23386 Valve — Intake Used on Model 80500 Series before Serial No. 5807140. Also used on Model 80590 Series before Serial No. 5809180.	59 230228 Pin — Starter Rope	221287 Screen — Rotating Used on type No. 909671.
35 260552 Spring — Intake Valve	60 66728 Grip — Starter Rope	74 93042 Screw — Rotating Screen Mounting Sem
36 26478 Spring — Exhaust Valve	61 66528 Bumper — Starter Pulley	Note: 93198 Screw — Rotating Screen Mounting Sem Used on type No. 909671.
40 93312 Retainer — Valve Spring (Used with valves with groove in stem) Note: 23184 Retainer — Valve Spring 23187 Pin — Valve Spring Retainer Used with valves with hole in stem.	66 298310 Clutch Assembly — Rewind and Wind-up Starter Used after Serial No. 6405220. Note: 296468 Clutch Assy. — Rewind and Wind-up Starter Used before Serial No. 6405250.	75 220865 Washer — Spring (Used to lock rewind starter clutch) Note: 62577 Washer
45 230173 Tappet — Valve	67 211383 Housing — Starter Clutch Used after Serial No. 6405220. Note: 210400 Housing — Starter Clutch Used before Serial No. 6405250.	
46 210453 Gear — Cam Note: 210443 Gear — Cam Used on type Nos. 909555, 909572. 210804 Gear — Cam (3/4" dia. shaft P. T. O. end) Used on Model 80590 to 80597 and 81590 to 81597 Series ---- for	68 63770 Ball — Clutch	

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Part No. 297275

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REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
		91708 Nut Used to lock Starter Engaging Cup on type No. 909671.			0192, 0198, 909034, 909040, 909045, 909050, 909062, 909063, 909064, 909069, 909076, 909080, 909090, 909100, 909118, 909132, 909144, 909146, 909186, 909227, 909235, 909240, 909250, 909261, 909262, 909263, 909266, 909268, 909270; also used on Model 81500 Series type Nos.			Used on Model 80500 Series type No. 909051; also used on Model 81500 Series type Nos. 909565, 909750.
76	68238	Washer — Ratchet Sealing Used after Serial No. 6405220.						295894 Carburetor Assy. (Manual Choke) Used on Model 80500 Series type No. 909140; also used on Model 81500 Series type Nos. 909615, 909622.
	Note:	66738 Washer — Ratchet Sealing (Used only with 7 point shank ratchet)						
78	93014	Screw — Pulley Screen Mounting Sem			0135, 909515, 909518, 909542, 909562, 909564, 909566, 909569, 909571, 909574, 909577, 909583, 909585, 909591, 909592, 909596, 909601, 909602, 909611, 909612, 909634, 909640, 909642, 909644, 909654, 909676, 909677, 909693, 909694, 909699, 909701, 909719, 909730.	96	210721	Throttle — Carburetor
90	295334	Carburetor Assembly (Choke-A-Matic)				114	†65787	Gasket — Needle Valve Nut
	Note:	295276 Carburetor Assy. (Manual Choke) Used on Model 80500 Series type Nos. 0110, 0196, 909010, 909011, 909012, 909013, 909015, 909016, 909017, 909018, 909020, 909021, 909022, 909023, 909025, 909028, 909036, 909038, 909041, 909043, 909054, 909058, 909059, 909061, 909074, 909075, 909096, 909100, 909106, 909107, 909109, 909123, 909143, 909174, 909218, 909219, 909240, 909265; also used on Model 81500 Series type Nos. 0115, 0116, 0131, 0136, 909510, 909511, 909525, 909537, 909540, 909549, 909551, 909554, 909579, 909607, 909608, 909609, 909627, 909629, 909649, 909673, 909702, 909729.				116	†65978	Packing — Needle Valve
		295471 Carburetor Assy. (Manual Choke) Used on Model 80500 Series type Nos. 0145, 0146, 0147, 0155, 0158, 0161, 0163, 0164, 0168, 0171, 0174, 0175, 0185,			295534 Carburetor Assy. (Choke-A-Matic) Used on Model 80500 Series type Nos. 0152, 0170, 0176, 0183, 909049, 909078, 909097, 909098, 909141, 909142, 909156, 909182, 909199, 909204, 909205, 909207, 909247, 909258; also used on Model 81500 Series type Nos. 909516, 909522, 909523, 909541, 909567, 909581, 909593, 909610, 909613, 909614, 909618, 909621, 909623, 909645, 909651, 909652, 909653, 909658, 909659, 909661, 909668, 909672, 909679, 909684, 909689, 909695, 909703, 909704, 909705, 909706, 909707, 909744, 909745, 909760, 909761. 295604 Carburetor Assy. (Manual Choke)	117	†23431	Nut — Needle Valve
						118	†23433	Valve — Needle
						120	92290	Washer — Lock — No. 10 x 1/16" x 3/64"
						123	93353	Screw — Carburetor Mtg.
						124	93360	Screw — Carburetor Mtg.
						147	†23432	Seat — Needle Valve
						148	†22235	Washer — Needle Valve
						149	†26336	Spring — Needle Valve
						150	220105	Connector — Gov. Link
						151	92634	Screw — Machine, Rd. Hd. — 5-40 x 5/8"
						152	260575	Spring — Throttle Adjustment
						153	298031	Screw — Carburetor Lever
						154	93349	Screw — Machine, Rd. Hd. — 5-40 x 5/8"
						160	294870	Cleaner Assembly — Air (with mounting stud)
							Note:	294871 Cleaner Assy. — Air (with mounting stud) Used on Model 80500 Series type No. 909050; also used on Model 81500 Series type Nos. 909542, 909549, 909693, 909694.
						161	293991	Bowl — Air Cleaner
						162	294861	Cover and Filter — Air Cleaner (with mounting stud)

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† Included in Needle Valve Kit — Part No. 299060

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REF. PART NO. NO. DESCRIPTION	REF. PART NO. NO. DESCRIPTION	REF. PART NO. NO. DESCRIPTION
<p>Note: 294862 Cover and Filter — Air Cleaner (with mounting stud) Used on Model 80500 Series type No. 909050; also used on Model 81500 Series type Nos. 909542, 909549, 909693, 909694.</p> <p>297778 Cover — Carburetor Intake (with mounting stud) Used on Model 80500 Series type No. 0198.</p> <p>163 *27660 Gasket — Air Cleaner Mounting</p> <p>Note: 27666 Gasket — Air Cleaner Mounting (Collar Type with Side Outlet) Used on Model 80500 Series type Nos. 0145, 0146, 0168, 0171, 0175, 909050, 909235, 909268; also used on Model 81500 Series type Nos. 0131, 909542, 909549, 909693, 909694, 909701.</p> <p>171 92129 Nut — Hex. — 1/4-28</p> <p>172 27795 Gasket — Air Cleaner</p> <p>180 293630 Tank Assembly — Fuel</p> <p>Note: 295119 Tank Assembly — Fuel Used on Model 80500 Series type Nos. 0152, 0170, 0176, 0183, 909049, 909051, 909078, 909097, 909098, 909140, 909141, 909142, 909156, 909182, 909199, 909204, 909205, 909207, 909247, 909258; also used on Model 81500 Series type Nos. 909516, 909522, 909523, 909541, 909565, 909567, 909581, 909593, 909610, 909613, 909614, 909615, 909618, 909621, 909622,</p>	<p>909623, 909645, 909651, 909652, 909653, 909658, 909659, 909661, 909668, 909672, 909679, 909684, 909689, 909695, 909703, 909704, 909705, 909706, 909707, 909744, 909745, 909750, 909760, 909761.</p> <p>181 298425 Cap — Fuel Tank</p> <p>187 296476 Pipe — Fuel Used to replace (2-19/32" long) plastic pipes.</p> <p>Use: 293700 Pipe — Fuel (2-17/32" long) to replace brass pipes.</p> <p>Note: 296842 Pipe — Fuel Used to replace (2-11/32" long) plastic pipes.</p> <p>Use: 295121 Pipe — Fuel To replace (2-9/32" long) brass pipes.</p> <p>190 93259 Screw — Fuel Tank Mounting Sem</p> <p>191 *27404 Gasket — Fuel Tank Mtg.</p> <p>200 294617 Blade — Governor (Used before Serial No. 6212310)</p> <p>200A 297309 Blade — Governor (Used on and after Serial No. 6212310)</p> <p>201 260024 Link — Governor</p> <p>209 260599 Spring — Governor (Choke-A-Matic)</p> <p>Note: 260025 Spring — Governor (Manual Choke) Used on Model 80500 Series type Nos. 0110, 0145, 0146, 0147, 0155, 0158, 0161, 0163, 0164, 0168, 0171, 0174, 0175, 0185, 0192, 0196, 0198, 909010, 909011, 909012, 909013, 909015, 909016,</p>	<p>909017, 909018, 909020, 909021, 909022, 909023, 909025, 909028, 909034, 909036, 909038, 909040, 909041, 909043, 909050, 909051, 909054, 909058, 909059, 909061, 909062, 909063, 909064, 909069, 909074, 909075, 909076, 909080, 909090, 909096, 909100, 909106, 909107, 909109, 909118, 909123, 909132, 909140, 909143, 909144, 909146, 909174, 909186, 909218, 909219, 909227, 909235, 909240, 909250, 909261, 909262, 909263, 909265, 909266, 909268, 909270; also used on Model 81500 Series type Nos. 0115, 0116, 0131, 0135, 0136, 909510, 909511, 909515, 909518, 909525, 909537, 909540, 909542, 909549, 909551, 909554, 909562, 909564, 909566, 909569, 909571, 909574, 909577, 909579, 909583, 909585, 909591, 909592, 909596, 909601, 909602, 909607, 909608, 909609, 909611, 909612, 909627, 909629, 909634, 909640, 909642, 909644, 909649, 909654, 909673, 909676, 909677, 909693, 909694, 909701, 909702, 909719, 909729, 909730, 909750.</p> <p>260592 Spring — Governor (Choke-A-Matic) (for 3400 to 3600 rpm top speed set — no load) Used on Model 80500 Series type Nos. 0132, 0133, 0134, 0135, 0136, 0137, 0138, 0139, 0140,</p>

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81500 To 81597

REF. PART NO. NO. DESCRIPTION	REF. PART NO. NO. DESCRIPTION	REF. PART NO. NO. DESCRIPTION
0142, 0143, 0144, 0149, 0152, 0154, 0156, 0159, 0160, 0162, 0165, 0166, 0169, 0170, 0177, 0178, 0179, 0181, 0183, 0184, 0186, 0187, 0189, 0194, 909049, 909099, 909102, 909113, 909114, 909117, 909147, 909148, 909150, 909152, 909155, 909157, 909158, 909162, 909163, 909164, 909165, 909167, 909168, 909170, 909171, 909172, 909175, 909176, 909177, 909178, 909179, 909180, 909181, 909184, 909185, 909195, 909197, 909198, 909201, 909205, 909206, 909207, 909208, 909210, 909211, 909215, 909216, 909217, 909221, 909222, 909223, 909224, 909225, 909226, 909231, 909233, 909234, 909236, 909237, 909238, 909239, 909241, 909244, 909245, 909247, 909248, 909251, 909253, 909254, 909259, 909260, 909264; also used on Model 81500 Series type Nos. 0133, 0134, 909543, 909544, 909547, 909618, 909625, 909704, 909714, 909715, 909716, 909720, 909721, 909724, 909725, 909726, 909727, 909738, 909739, 909751, 909752, 909753, 909754, 909755, 909757, 909758, 909759, 909760, 909761, 909762, 909763, 909764, 909765, 909768, 909769, 909771.	Used on Model 80500 Series type Nos. 0198, 909034, 909040, 909045, 909050, 909051, 909062, 909063, 909064, 909069, 909076, 909080, 909090, 909100, 909118, 909132; also used on Model 81500 Series type Nos. 909515, 909518, 909542, 909562, 909564, 909565, 909566, 909569, 909571, 909574, 909577, 909583, 909585, 909591, 909592, 909596, 909601, 909602, 909611, 909612, 909634, 909640, 909642, 909644, 909654, 909676, 909677, 909693, 909694, 909699, 909701, 909719. 216 260188 Link — Choke 217 260189 Spring — Choke Link 218 220968 Washer — Choke Link (3) 256 220952 Lever — Speed Adjuster 257 93263 Screw — Fill. Hd., Sem. 264 90355 Nut — Hex. — No. 10-32 265 221407 Clamp — Control Casing 267 93351 Screw — Clamp Mtg. 268 66986 Casing — Control Wire — 48" long Note: If longer casing is needed, specify length in inches; if a shorter casing is needed, order No. 66986 and cut to required length. 269 26099 Wire — Control, 54" long Note: If longer wire is needed, specify length in inches; if shorter wire is needed, order No. 26099 and cut to required length. 270 63426 Locknut — Control Wire Casing 271 290568 Lever Assy. — Control 272 290584 Base — Control Lever 273 290642 Lever — Control 274 91237 Washer — Lock — 1/4 x 3/32 x 5/64"	275 92287 Screw — Machine, Rd. Hd. — 10-32 x 1/4" 276 22834 Washer — Spacer 277 22368 Washer — Control Lever 278 22725 Washer — Control Lever 279 92306 Screw — Cap, Hex. Hd. — 1/4-28 x 5/8" 297 91811 Locknut — Exhaust Elbow 298 220859 Locknut — Muffler 299 294441 Muffler — Exhaust (Lo-Tone) 300 89966 Muffler — Exhaust Note: 29807 Muffler — Exhaust Used on Model 80500 Series type No. 0198. 292054 Muffler — Exhaust Used on Model 80500 Series type No. 909047; also used on Model 81500 Series type Nos. 909519, 909543, 909544. 295905 Muffler — Exhaust Used on Model 80500 Series type No. 0189; also used on Model 81500 Series type No. 909769. 303 91810 Elbow — Exhaust, 45°, Street Note: 91943 Elbow — Exhaust, 90°, Street Used on Model 80500 Series type Nos. 0178, 909206, 909208; also used on Model 81500 Series type Nos. 909625, 909671, 909716, 909765. 304 294260 Housing — Blower (For Rewind Starter) Note: 294263 Housing — Blower (For Rope Starter) Used on Model 80501 , 81501 Series; also used on Model 80500 Series type No. 0198. 294282 Housing — Blower (For Rewind Starter)
215 293424 Control — Governor Note: 220107 Cam — Speed Adjuster 220949 Lever — Speed Adjuster		

* Included in Gasket Set —
Part No. 297275

80500 To 80597
81500 To 81597

REF. PART NO. NO. DESCRIPTION	REF. PART NO. NO. DESCRIPTION	REF. PART NO. NO. DESCRIPTION
Used on Model 80500 Series type Nos. 0141, 909046, 909054, 909056, 909057, 909062, 909063, 909074, 909075, 909083, 909084, 909085, 909091, 909218, 909249, 909250, 909259; also used on Model 81500 Series type Nos. 0133, 909532, 909551, 909561, 909570, 909592, 909598, 909600, 909649, 909650, 909663, 909669, 909682, 909701, 909756. 294338 Housing — Blower (For Rewind Starter) Used on Model 80500 Series type Nos. 0138, 0140, 0143, 0147, 0154, 0156, 0177, 0189, 0195, 909030, 909035, 909037, 909042, 909044, 909048, 909052, 909060, 909071, 909072, 909077, 909078, 909086, 909088, 909095, 909098, 909102, 909103, 909121, 909122, 909126, 909135, 909150, 909152, 909162, 909163, 909166, 909171, 909172, 909176, 909178, 909182, 909187, 909195, 909198, 909216, 909233, 909238, 909240, 909244; also used on Model 81500 Series type Nos. 909514, 909515, 909520, 909522, 909524, 909527, 909529, 909530, 909535, 909536, 909539, 909545, 909552, 909553, 909555, 909556, 909559, 909560, 909563, 909568, 909569, 909575, 909578, 909581, 909582, 909584, 909588, 909595, 909596, 909597, 909599, 909604, 909606, 909613,	909616, 909626, 909645, 909647, 909656, 909662, 909667, 909675, 909683, 909686, 909709, 909710, 909748, 909757, 909758, 909763, 909764. 295060 Housing — Blower (For Rewind Starter) Used on Model 80500 Series type Nos. 909039, 909040, 909068, 909069; also used on Model 81500 Series type Nos. 909641, 909642, 909643, 909644. 295191 Blower Housing and Brackets Assy. (For Electric Starter) Used on Model 80503 , 80593 , 81503 , 81593 Series. 295816 Housing — Blower (For Rewind Starter) Used on Model 80500 Series type Nos. 0148, 0163, 0165, 0170, 0176, 0182, 0184, 0190, 0197, 909157, 909180, 909183, 909189, 909190, 909205, 909242, 909247, 909254; also used on Model 81500 Series type Nos. 909546, 909564, 909567, 909593, 909624, 909632, 909651, 909654, 909679, 909707, 909733, 909734, 909746, 909759, 909760, 909768. 296284 Housing — Blower (For Rewind Starter) Used on type No. 909611. 296325 Housing — Blower (For Wind-up Starter) Used on Model 80506 , 80596 , 81506 , 81596 Series. 296424 Housing — Blower Used on type No. 909671.	Note: Starter Housing and parts are supplied by the equipment manufacturer. 296894 Housing — Blower (For Rewind Starter) Used on Model 80500 Series type Nos. 0134, 0139, 0185, 0186, 0191, 909147, 909149, 909164, 909184, 909197, 909210, 909211, 909219, 909222, 909224, 909226, 909257; also used on Model 81500 Series type Nos. 909730, 909731. 305 93158 Screw — Blower Housing Mounting Sem Note: 93294 Screw — Blower Housing Mounting Sem Used on type No. 909529. 306 220478 Shield — Cylinder 307 93042 Screw — Cylinder Shield Mounting Sem 308 220581 Cover — Cylinder Head 309 295188 Motor — Electric Starter 310 93239 Bolt — Case 311 295697 Brush — Starter Motor 312 260404 Spring — Brush 321 210711 Pulley — Electric Starter Note: When ordering this pulley, order No. 67238 Vee Belt also. 323 67238 Vee — Belt Note: 67028 Belt — Vee Used on engines before Serial No. 5903020. 324 220648 Screen — Electric Starter Pulley 325 293959 Starter Pulley with Screen 328 221039 Guard — Belt 329 93014 Screw — Belt Guard Mounting Sem 330 29878 Rope — Starter 331 62577 Washer — Flywheel Note: 220865 Washer — Flywheel Used on Model 80500 Series type No. 0198.

* Included in Gasket Set —
Part No. 297275

80500 To 80597
81500 To 81597

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
332	91708	Nut — Flywheel	371	260275	Restrictor — Belt	516	260374	Spring — Connector (Condenser Post)
	Note: 92284	Nut — Flywheel Used on Model 80500 Series type No. 0198.	372	220477	Clamp — Condenser			Included in 294628 Breaker Points and Condenser Set (Ref. No. 375)
333	291617	Armature — Magneto Used before Serial No. 6212310.	373	92987	Nut — Condenser Terminal	534	93322	Screw — Air Cleaner
333A	298502	Armature — Magneto (Used on and after Serial No. 6212310)	374	92813	Washer — Lock — Shakeproof		Note: 93330	Screw — Air Cleaner
334	93381	Screw — Armature Mounting Sem	375	294628	Breaker Points and Condenser Set			Used on Model 80500 Series type Nos. 0145, 0146, 0168, 0171, 0175, 909050, 909235, 909268; also used on Model 81500 Series type Nos. 909542, 909549, 909693, 909694, 909701.
335	93381	Screw — Armature Mounting Sem		Note: 299061	Ignition Kit Includes:	535	27987	Element — Air Cleaner
336	292149	Cable — Ignition Used on engines before Serial No. 6212310. Cables used on and after this serial number are molded into the coil.		294628	Point Set	536	296766	Cleaner Assy. — Air
				65704	Plunger	538	260560	Rod — Speed Control
337	29693	Plug — Spark (with Gasket)	376	93167	Screw — Ground Wire		Note: 260683	Rod — Speed Control (Square)
	Note: 293918	Plug — Spark Used on Model 80500 Series type Nos. 0167, 0168, 909252, 909263.	377	93065	Key — Woodruff No. 505			260684 Link — Governor Used on Model 80500 Series on type Nos. 0168, 909263.
338	29806	Gasket — Spark Plug	455	296455	Cup, Hub and Spring Assembly	539	221372	Clip — Speed Control
340	26018	Spring — Breaker Arm		Note: 296327	Cup and Spring Assembly Used on earlier model engines.	540	221380	Lever — Speed Adjuster
341	93381	Screw — Contact Finger Post Mounting Sem	456	221222	Plate — Retainer	541	22398	Washer — Speed Adjuster to Carburetor
342	65704	Plunger — Breaker Point	457	296264	Hub and Spring Assy. Used on earlier model engines.	542	91494	Screw — Clip Mounting
344	93042	Screw — Condenser Clamp Mounting Sem	458	296251	Handle Assembly — Cranking		Note: 91359	Screw — Machine, Fil. Hd. — 10-32 x 3/4"
345	220366	Cover — Breaker Point and Condenser	459	221332	Pawl — Ratchet (Single Acting)			66432 Washer
346	93014	Screw — Dust Cover Mounting Sem		Note: 221220	Pawl — Ratchet (Double Acting) Used on earlier model engines.			26157 Spring Used on Model 80500 Series on type Nos. 0168, 909263.
347	220884	Switch — Stop	460	93272	Retainer — Ratchet Pawl	544	296769	Armature — Electric Starter
348	296110	Plate Assembly — Stop Switch Insulator	461	93298	Screw — Handle Mtg.	545	296770	Case Assembly — Long Shaft End
356	296185	Wire — Ground	462	221237	Washer — Handle Mtg.	546	296775	Case Assembly — Short Shaft End
358	297275	Gasket Set	463	296445	Holder Assembly — Flywheel	547	270025	Washer — Fibre
363	19069	Puller — Flywheel (Optional Accessory)	464	93291	Rivet — Holder Assy. Mounting (2)	548	221381	Washer — Thrust (Steel)
364	295698	Plug — Connector	465	221226	Washer — Holder Assy. Mounting (2)	662	221611	Bracket — Carburetor
365	93241	Screw — Plug Mounting (long)	466	93272	Retainer — Holder Control Knob	663	93395	Screw — Bracket Mtg.
366	93240	Screw — Plug Mounting (short)	467	211017	Knob — Control	664	93415	Screw — Bracket Mtg.
			508	93294	Screw — Blower Housing Mounting Sem	665	296768	Oil Minder
			513	296567	Clutch Assembly — Electric Starter	666	297073	Gauge — Fuel Level
			515	260537	Spring — Ratchet Pawl			

* Included in Gasket Set — Part No. 297275